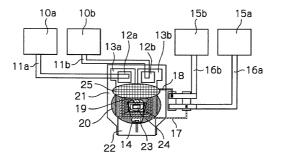
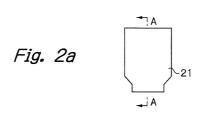
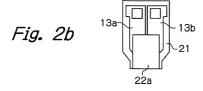
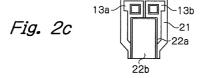
APPLN. FILING DATE: JULY 6, 2001
TITLE: THIN-FILM MAGNETIC HEAD AND
MANUFACTURING METHOD OF THIN-FILM...
INVENTOR(S): MAKOTO YOSHIDA ET AL.
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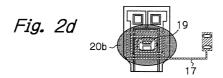
Fig. 1











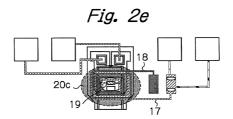


Fig. 2f

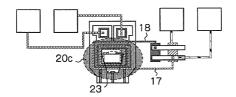
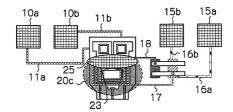
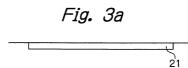
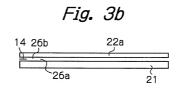
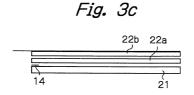


Fig. 2g









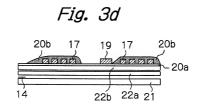


Fig. 3e

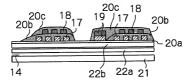


Fig. 3f

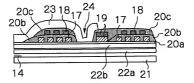
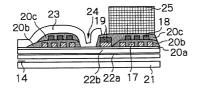


Fig. 3g



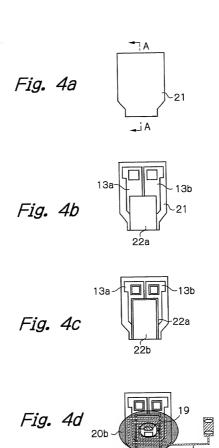


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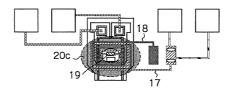


Fig. 4f

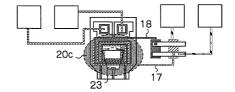


Fig. 4g

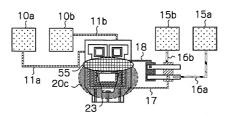
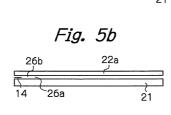
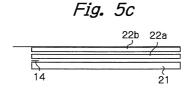


Fig. 5a





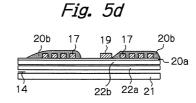


Fig. 5e

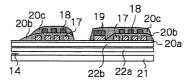


Fig. 5f

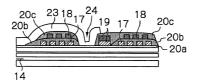
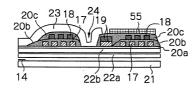


Fig. 5g



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Fig. 6

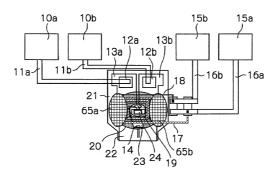
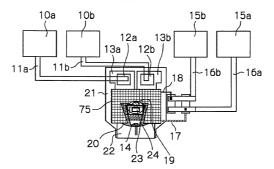
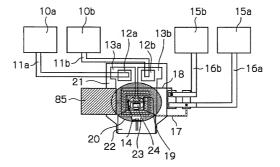


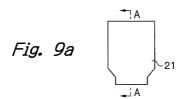
Fig. 7

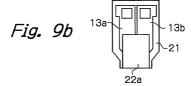


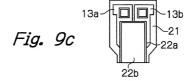
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Fig. 8









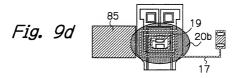


Fig. 9e

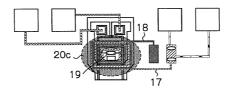


Fig. 9f

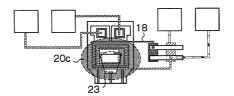
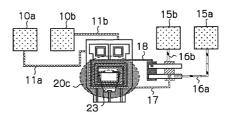
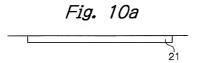
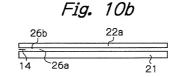
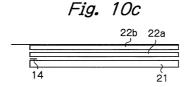


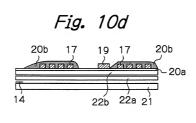
Fig. 9g











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Fig. 10e

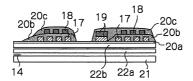


Fig. 10f

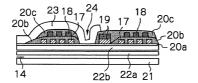


Fig. 10g

